

Ratio and Algebra

Ratio and proportion

Year 6

- Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts e.g. find $\frac{7}{9}$ of 108.
- Solve problems involving the calculation of percentages e.g. of measures, and such as 15% of 360 and the use of percentages for comparison.
- Solve problems involving similar shapes where the scale factor is known or can be found.
- Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

ALGEBRA

Year 6

- Use simple formulae e.g. perimeter of a rectangle or area of a triangle. (Algebra)
- Generate and describe linear number sequences. (Algebra)
- Express missing number problems algebraically. (Algebra)
- Find pairs of numbers that satisfy an equation with two unknowns. (Algebra)
Enumerate possibilities of combinations of two variables. (Algebra)